



## SPECIAL NOTICE

In pursuance of the Central Govt.'s decision to introduce 5 working days a week in Central Government Offices, there shall be work in the Patent Office, Calcutta for 5 days a week from Monday to Friday with all Saturdays as closed and the office hours shall be from 10.00 A.M. to 6.00 P.M. with half an hour lunch break from 1.30 P.M. to 2.00 P.M. with effect from the 3rd June, 1985.

## CORRIGENDUM

(1)

The design application No. 155185 in Class 1 title "Fuel tank with fuel gauge and fuel tank cap" has been wrongly printed in the Gazette of India, Part-III Section 2 on 18/5/85 as registered design. It should be read as cancelled.

(2)

1. In the Gazette of India, Part III, Section 2, dated 23rd March, 1985 under the heading "Applications for Patents filed in the Patent Office Branch, Bombay at Todi Estates, IIIrd Floor, Sun Mill Compound Lower Parel (West), Bombay-400-013" in pages 307 column-2.

- (i) in respect of Patent Application No. 20[BOM]85 for "DR. S. ARUNKUMAR" read "DR. S. ARUNKUMAR AND OTHERS".
- (ii) in respect of Patent Application No. 26[BOM]85 for "V. K. SHRIDH" read "V. K. SHRIDHAR".

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act

23rd May, 1985

390|Cal|85 Vsesojuzny Nauchno-Issledovatel'sky I Konstruktorsky Institut Po Oborudovaniju Dlya Shinnoi Promyshlennosti "Niishinmash". Reeled Material Tension Control Apparatus.

391|Cal|85. Nauchno-Proizvodstvennoe Obiedinenie Kamen I Silikaty. Installation for working of natural stone.

392|Cal|85. Mrs. Gerhild Schlotter. A Yarn Carrier.

393|Cal|85. Eric Van'T Hooft. A method and an apparatus for treating a part of the body with radioactive material.

394|Cal|85. Aluminium Pechiney. Ladle for the chlorination of aluminium alloys, for removing magnesium.

395|Cal|85. Milton Ivan Ross. Encapsulated electronic circuit device and method and apparatus for making same.

24th May, 1985

396|Cal|85. Ambac Industries, Incorporated. A start of combustion signal generator for use with a compression ignition engine. [Divided out of No. 795|Cal|82, dated 9-7-82].

397|Cal|85. (1) Mitsui Toatsu Chemicals, Incorporated.  
(2) Toyo Engineering Corporation. Continuous production process of styrene-base resin.

398|Cal|85. Gustav Schade Mashinenfabrik GmbH & Co. Apparatus for the stewing and reclaiming of bulk material, with a combined stowing and reclaiming machine.

25th May, 1985

399|Cal|85. Nabisco Brands, Inc. Die having air passages,

400|Cal|85. (1) Korf Engineering GmbH,  
(2) Voest-Alpine Aktiengesellschaft. Arrangement comprising a gasifier and a direct reduction.

27th May, 1985

401|Cal|85. E. I. Du Pont De Nemours and Company. Filter-containing hardenable resin products.

402|Cal|85. Combustion Engineering, Inc. Distributed control with mutual spare switch over capability.

28th May, 1985

403|Cal|85. Gum Base Co. S.P.A. A process for obtaining a No -Calorie, Non-Cariogenic Chewing Gum Composition.

404|Cal|85. Sous-Traitants Arrondissement Dieppe S.T.A.D. A sea aquaculture installation.

405|Cal|85. E. I. Du pont De Nemours and Company. Primer Assembly.

29th May, 1985

406|Cal|85. Combustion Engineering, Inc. Coal fired furnace light-off and stabilization using microfine pulverized coal.

407|Cal|85. Siemens Aktiengesellschaft. Modular housing assembly for electrical components.

408|Cal|85. Desmond William John Devney and Lyndon Frederick Douglas Devney. Cotton bush extraction machine.

## APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING, III RD FLOOR, KAROL BAGH, NEW DELHI-5

22nd April, 1985

338|Del|85. Brij Kishore Gupta, "Instant T. V.".

339|Del|85. Kapur Singh Ghuman and Kaka Singh Ghuman, "A windmill".

340|Del|85. Warner Lambert Co, "Dietary fiber food products and method of manufacture".

341|Del|85. Warner-Lambert Co., "Dietary fiber composition and process of manufacture".

342|Del|85. Reliance Electric Co., "Metal flexing coupling".

343|Del|85. Fook Chong Chai, "Heat exchangers, and apparatus, plant and method for cooling". (Convention date 26th April, 1984) (U.K.).

23rd April, 1985

344|Del|85 Anand Medicads Private Limited, "Improved blood suction apparatus".

345|Del|85. The Firestone Tire and Rubber Co., "Extraction of rubber and or resin from rubber containing plants with a monophase solvent mixture".

346|Del|85. The Firestone Tire and Rubber Co., "Fine grinding of guayule shrub solvent slurry".

347|Del|85 The Halcon SD Group, Inc, "Process for preparing catalysts".

348|Del|85 The Halcon SD Group, Inc "Purification of terephthalic acid derived from ethylene carbonate".

349|Del|85. Dharan Pal Premchand Ltd., "A process for treating tobacco".

350|Del|85 Dharan Pal Premchand Ltd., "A pouch containing chewing tobacco therein".

24th April, 1985

351|Del|85. Sanden Corporation, "Refrigeration circuit".

352|Del|85. Sherritt Gordon Mines Ltd., "Aureate coins, Medallions and tokens".

353|Del|85. OMYA S.A., "Device for withdrawing and conditioning samples or materials in solid, liquid or gaseous form for the purpose of analysis thereof".

25th April, 1985

354|Del|85. Ganesh Scientific Research Foundation, "A process".

26th April, 1985

355|Del|85. Lyntech corporation, "Marine pipeline trenching plow with progressive cutting elements for simultaneous pipe laying and entrenchment".

27th April, 1985

356|Del|85. Shri Ram Institute of Industrial Research, "A synthesised emulsion paint".

29th April, 1985

357|Del|85. Mahendra Kumar Tiwari, "Multi Fuel Metal Chulha".

358|Del|85. Mahender Kumar Tiwari, "Scientific conical solar cooker".

359|Del|85. Mahender Kumar Tiwari, "New theory of Ascent of Sap in plant physiology (Botany)".

360|Del|85. The Standard Oil Company, "Electrolysis of halide containing solutions with platinum based amorphous metal alloy anodes".

361|Del|85. Smiths Industries Public Limited Company, "Radiation responsive apparatus". (Convention date May 12, 1984 (U.K.).

362|Del|85. The Standard Oil Company, "Improved electrolytic processes employing platinum based amorphous metal alloy oxygen anodes".

363|Del|85. Nitro Nobel AB., "A means for joining two pipe sections together".

364|Del|85. Pathé Marconi Emi SA, "Improvements in or relating to apparatus for the injection moulding of disc records".

365|Del|85. Nauchno-Proizvodstvennoe Obiedinenie Po Tekhnologii Mashinostroenia "Tsniiitmash", Steel".

366|Del|85. Adarsh Kumar, "Adarsh Nasal Filter".

30th April, 1985

367|Del|85. Ganesh Scientific Research Foundation, "A process".

368|Del|85. Progress Equities Incorporated, "Device for continuous contacting of fluids and solids".

369|Del|85. The B. F. Goodrich Company, "Catalytic dehydrohalogenation process".

370|Del|85. Pfizer Inc., "A process for preparing 2-guanidino-4-heteroarylthiazoles or pharmaceutically acceptable acid addition salts thereof". [Divisional date September 7, 1981].

371|Del|85. The Broken Hill Proprietary Co. Ltd., "Removal of organics from bayer process streams". (Convention date May 3, 1984) (Australia).

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TÖDI STATES, 3RD FLOOR,  
SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400013.

2-5-1985

119/BOM/85 . . . . . Mahindra Owen Ltd.

120/BOM/85 . . . . . K. P. Rajagopalan Nair

A Multi-purpose Trailer.

Equipment and method for the production and synchronous projection of separate subtitles for motion pictures.

121/BOM/85 . . . . . Anthony Desouza

Electronic Flushing Cistern.

3-5-1985

122/BOM/85 . . . . . Hoechst India Ltd.

Novel derivatives of polyoxygenated labdanes, processes for their preparation and their use as medicaments.

123/BOM/85 . . . . . S. N. Pathak

An Ignition Booster for Petrol driven Engines and method of manufacturing such device.

8-5-1985

124/BOM/85 . . . . . Wilson Varghese

Improvements relating to flexible Tyre Coupling.

9-5-1985

125/BOM/85 . . . . . Hindustan Lever Ltd.

Detergent compositions.

11th May 1984; 26th Oct 1984, Gr. Britain.

126/BO/85 . . . . . Hindustan Lever Ltd.

Detergent composition.

11th May 1984, Gr. Britain.

127/BOM/85 . . . . . N. N. Desai

Submersible Pump

APPLICATION FOR PATENTS FILED AT THE PATENT  
OFFICE BRANCH, 61, WALLAJAH ROAD,  
MADRAS-600 002

13th May, 1985

358|Mas|85. E. G. K. Rao. Improvements relating to electrolytic preparation of hydrogen and oxygen from water.

359|Mas|85. Metal Box p.l.c., Containers. (May 14, 1984; United Kingdom).

360|Mas|85. Eutectic Corporation. Device for the controlled multiple feeding of powder material.

361|Mas|85. Mobil Oil Corporation. Fluidized catalytic cracking process.

14th May, 1985

362|Mas|85. Zellweger Uster Ltd. Method and device for at least approximately determining the cross-section of elongated objects, especially yarns rovings and slivers in the textile industry, and of cables and filaments.

363|Ms|85. Zellweger Uster Ltd. Method and device for the optimisation of the drawing process on auto-leveler draw frames in the textile industry.

364|Mas|85. Stratoflex, Inc. Hose with wire braid reinforcement and method of making such hose.

365|Ms|85. Hitchiner Manufacturing Co., Inc. Gas permeable metal casting mold having gas collection voids.

16th May, 1985

366|Mas|85. Mobil Oil Corporation. Metallophosphosilicates and their synthesis.

367|Mas|85. Mobil Oil Corporation. Crystalline ferrophosphoaluminate and synthesis thereof.

17th May, 1985

368|Mas|85. F. D. Benedict. Mobile pneumatic rock breaker.

369|Mas|85. Deutsche Texaco Ag. Continuous production of isopropyl alcohol and secondary butyl alcohol.

370|Mas|85. Stratoflex, Inc. Improved clip for a fluid coupling.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specification should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding

the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 65 B<sub>2</sub>

156337

Int. Cl. : H01f 27/00.

Title : METHOD OF MANUFACTURING CORES OF TRANSFORMERS UP TO A FEW MVA RATINGS AND CORES PRODUCED THEREBY.

Applicants : MUKUND SURYARAO DHARWADKAR, 42, PRATAP GANJ, BARODA-390 002, GUJARAT, INDIA.

Application No. 43|BOM|1982. Filed Feb. 18, 1982.

Complete after provisional left May 17, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims

A method of manufacturing cores of transformers upto a few MVA ratings comprising stacking one above the other a number of toroids, each said toroid formed by winding a plurality of amorphous magnetic metal ribbons such that the consecutive toroids formed a core limb of predetermined cross-sectional area and height depending on the transformer rating power and voltage, each successive toroid being insulated from the other by a disc of insulating material which is interposed therebetween.

Complete specification 13 pages:

Drg. 1 Sheet.

Provisional specification-5 Pages;

Drgs. 3 Sheets.

CLASS : 146D<sub>1</sub> & D<sub>2</sub>

156338

Int. Cl. : G01n-21/46.

Title : AN IMMERSIBLE TYPE DEVICE FOR CONTINUOUSLY MEASURING AND INDICATING REFRACTIVE INDEX AND/OR REFRACTIVE INDEX DEPENDENT PARAMETER OF LIQUID.

Applicants & Inventor : JAYESH RAMESH BELLARE OF 44/1318, ADARSH NAGAR PRABHADEVI, BOMBAY-400 025, MAHARASHTRA, INDIA AND GIRISH JAYAWANT GAITONDE, OF 88, HINDU COLONY, DADAR, BOMBAY-400 014, MAHARASHTRA, INDIA.

Application No. 123|BOM|1982 filed May 11, 1982.

Comp. after Prov. left Aug. 8, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

11 Claims

An immersible type device for continuously measuring and indicating refractive index and/or refractive index dependent parameter of a liquid, said device comprising a heat and chemical resisting basal member; a monochromatic visible light source supported on said basal member, a differential photosensor spaced apart from said light source and supported on said basal member, said differential photosensor comprising a pair of photocells so placed that the beam of light emerging from the first isosceles right angled prism hereinafter referred to falls on said photocells equally and uniformly in the absence of the refractile member hereinafter referred to; a first isosceles right angled prism disposed above said light source with one face of the right angle of said first isosceles right angled prism directed towards said light source and the other face of the right angle of said first isosceles right angled prism directed towards the other face of the right angle of the second isosceles right angled prism hereinafter referred to; a second isosceles right angled prism disposed above said differential photosensor with one face of the right angle of said second isosceles right angled prism directed towards said other face of the right angle of said first isosceles right angled prism a refractile member having at least one pair of parallel sides and being interposed between said light source and said differential photosensor, said refractile member being supported on said basal member with one side of said parallel sides

directed towards said other face of the right angle of said first isosceles right angled prism and the other side of said parallel sides directed towards said other face of the right angle of said second isosceles right angled prism, said one side of said refractile member being at an angle of inclination between 30° to 45° with respect to the beam of light falling on said one side of said refractile member from said first isosceles right angled prism; an operational amplifier circuit connected to said differential photosensor; and an indicator connected to said operational amplifier circuit.

Com. Specn. 12 pages,  
Prov. Specn. 4 pages.

Drg. 1 Sheet.  
Drg. Nil.

IND. Cl. : 941. 156339  
Int. Cl. : C13d-1|06.

Title : IMPROVEMENTS IN OR RELATING TO A THREE ROLL MILL SUCH AS SUGAR CANE MILL.

Applicant & Inventor : JYOTI PRASAD MUKHERJI, OF "ASHUTOSH", 75/76, ERANDWANA, OFF LAW COLLEGE ROAD, POONA-411 004, MAHARASHTRA, INDIA.

Application No. 124|BOM|1982 filed on May, 11, 1982.

Comp. after Prov. left on Aug. 9, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

#### 8 Claims

A three roll mill such as sugar cane mill comprising a top roll, a discharge roll and a feed roll rotatably supported in a housing or housings, said top roll being hydraulically or spring loaded for adjusting its position and having a pinion rigidly supported at the drive end of its shaft and a further pinion rotatably supported at the far end or pintle end of its shaft, said discharge roll having a pinion rigidly supported at the far end or pintle end of its shaft and the position of said feed roll being fixed and the drive end of said feed roll shaft being connected to a prime mover through a tail bar and open closed gearing, said feed roll having a pinion rigidly supported at the drive end of its shaft and a further pinion rigidly supported at the far end or pintle end of its shaft, the pinion at the drive end of said top roll shaft being in mesh with the pinion at the drive end of said feed roll shaft and the further pinion at the far end or pintle end of said top roll shaft being in mesh with the further pinion at the far end or pintle end of said feed roll shaft and the pinion at the far end or pintle end of said discharge roll shaft.

Prov. Specn. 12 pages, Drg. 1 sheet.  
Comp. Specn. 15 pages, Drg. 1 sheet.

IND. CL. : 140 A<sub>2</sub>. 156340  
Int. Cl. : C10m 1|00, 5|00.

Title : AN EXTREME PRESSURE RESISTANT INDUSTRIAL GEAR LUBRICANT COMPOSITION PARTICULARLY FOR USE WITH GEAR WHEELS AND THE LIKE.

Applicant : INDIAN OIL CORPORATION LIMITED, OF 254-C, DR. ANNIE BESANT ROAD, PRABHADDEVI, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : 1. SOMPRakash SRIVASTAVA, 2. KAN-DISERIL CHELLAPPAN JAYAPRAKASH 3. SUBHASH CHAND 4. KRISHAN CHAND MEHTA. 5. PREM KRI-SHAN GOEL.

Application No. 160|BOM|82 filed on June 25, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

#### 11 Claims

An improved extreme pressure lubricant composition comprising 93 to 99% by weight of a mineral lubricating base oil and 7 to 1% by weight of additives compatible therewith the additives consisting of 0.5 to 3% by weight of sulphurised polyisobutylene, 0.1 to 1% by weight of an aryl phosphate

ester, 0.1 to 2% by weight of an alkylated diphenyl amine, 0.1 to 1% by weight of an alkyl orthophosphate, alkenyl succinic acid ester, 0.1 to 0.4% by weight of a metal de-activator such as herein described and 1 to 10 ppm of a known anti-foam agent.

Comp. Specn. 6 pages.

Drg. Nil.

IND. CLASS : 173—A+B.

156341

Int. Cl. : A01g—25|00.

#### Title : IMPROVED SPRINKLER.

Applicants & Inventor : SAMBHAIJI KUNDALIKA PATEL 525 NARAYAN PETH, PUNE-411 030, MAHARASHTRA, INDIA.

Application No. 291|BOM|1982 filed Oct. 25, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

#### 1 Claim

An improved sprinkler comprising a main support or body connected to a stiff supporting rod for installing the device in soil, the said body having 'E' shaped construction on the upper side of which there is fitted a fulcrum having small cavity in which there is snugly fitted a stemmed rotary component capable of revolving in the hollow cavity of the fulcrum; the said rotary component is provided with an angular groove there through; the middle arm of the said main body is fitted with a component having a passage and a connection tube which in turn is connected to a water pipe placed in the field; on the upper side of the said component and in the said passage there is fitted a nozzle through which water under pressure emerges out and which is directed towards the angular groove inside the rotary component to accomplish rotational movement and sprinkling of water in turn.

Comp. Specn. 5 pages.

Drg. 1 sheet.

CLASS : 173A, 81.

156342

Int. Cl. : A62c-31|10.

#### Title : A FLUID CURTAIN NOZZLE.

Applicants : MOHAN PANDIT RANE & KAMLA HIRALAL SABADRA, INDIAN NATIONALS TRADING AS RELIABLE (FIRE PROTECTION) INDUSTRIES, 22, SARDAR PRATAP SINGH INDUSTRIAL ESTATE, '3', LAL BAHADUR SHASTRI MARG, BHANDUP, BOMBAY-400 078, MAHARASHTRA, INDIA.

Inventor : MOHAN PANDIT RANE.

Application No. 316|BOM|1982 filed Nov. 19, 1982.  
Comp. after prov. Left February 18, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

#### 5 Claims

A fluid curtain nozzle for forming a fluid curtain comprising a pipe section or nozzle body, one end of which is formed into an instantaneous male coupling for instantaneously connecting with the female hose coupling of the hose supplying the fluid, the other end of which is provided with slots/cuts along upper half of its periphery, the lower half of the periphery is being integrally or other wise fitted in a leakproof manner with a vertical deflector plate, keeping a narrow gap, between the said deflector plate and the upper half periphery of the said pipe section having the slots.

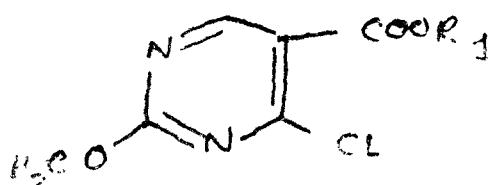
Comp. Specn. 6 pages.

Drgs. 1 sheet.

Prov. Specn. 3 pages.

Drg. 1 sheet.

CLASS : 34A+74.	156343	with activated charcoal or other known deodorizing substances, cemented or rigidly fixed onto a metallic/plastic bottom plate having a through passage in communication with the hollow portion of the said hollow disc, characterised in that a nozzle is welded, screwed or rigidly connected to the said through passage in the said metal/plastic plate.
Int. Cl. : D01d-5/00.		Comp. Specn. 7 pages. Drgs. 1 sheet.
Title : A METHOD OF MANUFACTURING FILAMENT TAPE WITH INTEGRALLY FORMED MICROCELLULAR STRUCTURE.		
Applicants : GARWARE-WALL ROPES LTD., PLOT NO. 11, BLOCK D-MIDC CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA.		
Inventor : (1) RAMESH MANJANATH TELANG.		
Application No. 42[BOM]1983 filed Feb. 14, 1983.		
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.		
1 Claim		
A method of manufacturing filament/tape with integrally formed microcellular structure, the said method comprising preparation of homogeneous mixture of a known blowing agent such as Azodicarbonide or Benzene Sulfonyl Hydrazide or p-toluene sulfonyl semicarbazide and base material such as polypropylene granules in the proportion of 0.05 to 3 parts by weight of such blowing agent to 100 parts by weight of said polypropylene granules the said mixture in the extruder and the filament or tape is extruded in known manner, characterised in that the said blowing agent gets decomposed at temperature slightly higher than that of the melting point of the said base material so as to produce nitrogen gas which in turn gets embedded or entrapped throughout to integrally form microcellular structure in the extruded filament or yarn.		
Comp. Specn. 4 pages.	Drgs. Nil.	
IND. CL. : 85M+J.	156344	
Int. Cl. : F23I-15/00+15/04.		
Title : A MONOLITHIC CERAMIC RECUPERATOR.		
Applicant : THERMAX PRIVATE LIMITED (AN EXISTING COMPANY UNDER THE INDIAN COMPANIES ACT) AT CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA.		
Inventors : NARENDRA DATTATRAYA JOSHI.		
Application No. 83[BOM]83 filed on Mar. 15, 1983.		
Complete after provisional left on July 5, 1983.		
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.		
5 Claims		
A recuperator comprising a moulded monolithic ceramic core having a plurality of integral cross flow fluid passages, substantially at right angles to each other, said fluid passages being separated from each other by ceramic material.		
Provisional Specification—3 pages;	Drgs. Nil.	
Complete Specification 5 pages;	Drgs. 1 sheet.	
IND. CL. : 80E.	156345	
Int. Cl. : B01d—29/32.		
Title : AN IMPROVED CANDLE FOR WATER FILTER.		
Applicant & Inventor : MOHAN LAXMAN TAMHAN-KAR, INDIAN NATIONAL RESIDENT OF 238, LADY JAMSHEJI ROAD, DADAR, BOMBAY-400 028, MAHARASHTRA, INDIA.		
Application No. 143[BOM]83 filed Apr. 26, 1983.		
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.		
4 Claims		
An improved candle for water filters comprising of an inverted hollow disc made of porous ceramic material filled		
CLASS : 27B+K.	156346	
Int. Cl. : E04C 3/44.		
Title : PORTAL FRAMES.		
Applicants : PRESS METAL CORPORATION LIMITED, AN INDIAN COMPANY, ANDHERI KURLA ROAD, BOMBAY-400 059, MAHARASHTRA, INDIA.		
Inventors : 1. SHASHI SHANKARAN NAIR. 2. AJAY DUTTA & 3. BENNE NARSIMHA MURTHY SRIDHARA.		
Application No. 176[BOM]1983 filed May 25, 1983.		
Complete after provisional left May 22, 1984.		
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.		
4 Claims		
A portal frame, having portal frame elements, consisting of a column having a foot either placed below ground level or on ground level, the said column being made of concrete reinforced with steel or like material such as prestressed concrete, a bent portion of the column at the knee extending into a rafter of the portal frame element, the said bent portion is also made of the same material as the column and is integral therewith, the rafter comprising of chords and lacing or of a beam element being connected to the face of the bent portion of the column extending into the rafter beyond the knee portion, by means of grouting or bolting and or like means, a plurality of such portal frame elements being connected to each other at their apexes to form the portal frame.		
Comp. Specn. 5 pages.	Drg. 1 sheet.	
Prov. Specn. 4 pages.	Drgs. Nil.	
CLASS : 32-C.	156347	
Int. Cl. C07d 51/36.		
PROCESS FOR THE PREPARATION OF 4-CHLORO-5-ALKOXY CARBONYL-2-METHOXY-PYRIMIDINES.		
Applicant : LABORATOIRE ROGER BELLON S.A., OF 159 AVENUE DUE ROULE, 92201 NEUILLY SUR SEINE, FRANCE.		
Inventors : 1. MARCEL PESSON, 2. SUZANNE GEIGER.		
Application No. 656[Cal]77 filed May 4, 1977.		
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.		
5 Claims		
Process for the preparation of a 4-chloro-5-alkoxycarbonyl-2-methoxy-pyrimidine of the formula shown in Figure 6 of the accompanying drawings, in which R <sub>1</sub> is alkyl radical with 1 to 4 carbon atoms, which comprises :		





CLASS : 33-A &amp; D.

156251

Int. Cl. : B 22 c 19|00.

A ROTARY GAS DISPERSION DEVICE FOR THE TREATMENT OF A BATH OF LIQUID METAL.

Applicant : SOCIETE DE VENTE DE L'ALUMINIUM PECHINEY, OF 23 BIS, RUE BALZAC, 75008 PARIS, FRANCE.

Inventors : 1. JACQUES GIMOND, 2. RICHARD GONDA, 3. JEAN-MARIE HICTER, 4. PIERRE LATY.

Application No. 691|Cal|82 filed June 16, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 7 Claims

A rotary gas dispersion device for the treatment of a bath of liquid metal contained in a vessel, comprising a cylindrical rotor equipped with blades immersed in the bath and connected to a hollow drive shaft for the supply of gas, characterised in that the rotor is pierced by pairs of ducts, each pair comprising one duct for the passage of the liquid and the other for the passage of the gas, each of the pairs opening separately at the same point on the lateral surface of the cylinder so that a fine liquid-gas dispersion is formed at this point and is then distributed in the bath by means of the blades.

Compl. Specn. 14 pages.

Drgs. 2 sheets.

CLASS : 131-Bs; 27-I.

156352

Int. Cl. : B27g 15|00; E02d 3|00.

TOOL FOR FORMATION OF HOLES IN MACROPOROUS COMPRESSIBLE SOILS.

Applicant : DNEPROPETROVSKY INZHENERNO-STROEMLN INSTITUT, OF DNEPROPETROVSK, ULITSA CHERNY-SHEVSKOGO, 24a, USSR.

Inventors : 1. VALENTIN IVANOVICH FEKLIN, 2. VIKTOR BORISOVICH SHVETS, 3. BORIS MIKHAILOVICH MAZO.

Application No. 840|Cal|82 filed July 21, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 4 Claims

A tool for the formation of holes in macroporous compressible soils, which comprises a body adapted for connection to a drill rod and having a cylindrical calibrating portion, an end piece, coaxial portions with the radii decreasing step-wise from the calibrating portion towards the end piece and defined by surfaces for the compaction of the soil, the surface for the compaction of the soil of each coaxial portion being a conical surface described by a generatrix of a predetermined length, defined by two conical helical lines having the same helix angle and serving as guides for the generatrix, and transition portions defined by the surfaces for the compaction of the soil, which form a smooth transition from the surface of a body portion with a larger radius to the surface of an adjacent portion with a smaller radius.

Compl. Specn. 10 pages.

Drgs. 3 sheets.

CLASS : 127-I.

156353

Int. Cl. : F16m 13|00.

ELECTRICAL HAND CUTTING MACHINE, SPECIAL-  
LY FOR TRIMMING ORIENTAL CARPETS.

Applicant &amp; Inventor : FERIDIN HOMAYUNFAR, OF HANGWEG 22, 7432 URACH, FEDERAL REPUBLIC OF GERMANY.

Application No. 1370|Cal|82 filed November 24, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 13 Claims

Electrical hand cutting machine, specially for trimming oriental carpets, whose significant features are a horizontally placed roller cutter housed in a box and driven by an electric motor, a knife stretched above the roller along its length forming a cutting wedge with the roller cutter, the height of the cutting knife above the roller cutter being adjusted by a set of controlling screws there being further provided a work control mechanism facing a horizontal cutting plate with an opening, through which the cutting roller and knife protrude below during working and an exhaust equipment connected to the box which is open only underneath.

Compl. Specn. 10 pages.

Drgs. 4 sheets.

CLASS : 32-F<sub>3</sub>b; 55-F<sub>2</sub> & 55-E<sub>4</sub>

156354

Int. Cl. A61k 27|00; C07c 51|00.

PROCESS FOR PRODUCING OPTICALLY ACTIVE D-2-(6-METHOXY-2-NAPHTHYL) PROPIONIC ACID.

Applicant : SYNTEX PHARMACEUTICALS LIMITED OF GLOBAL HOUSE, CHURCH STREET, HAMILTON 5, BERMUDA, AT 23|25 MARLOW ROAD, MAIDENHEAD, BERKSHIRE SL6 7AA, ENGLAND.

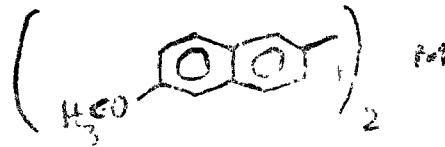
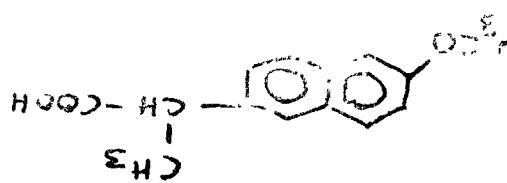
Inventor : 1. GEORGE CHARLES SCHLOEMER.

Application No. 1435|Cal|82 filed December 10, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 15 Claims

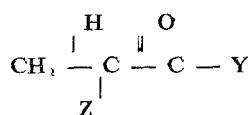
A process for producing an optically active D-2-(6-methoxy-2-naphthyl) propionic acid of formula shown in Fig 10 of the accompanying drawings



or a pharmaceutically acceptable salt thereof, which process comprises in sequence :

(a) reacting an organometallic compound of Formula shown in Figs. 11, 12 or 13

wherein M is cadmium, copper (II), manganese (II), magnesium or zinc, M' is copper (I) or lithium, X is a halogen atom, with an optically active acyl halide, acyl amine or acid anhydride of the formula

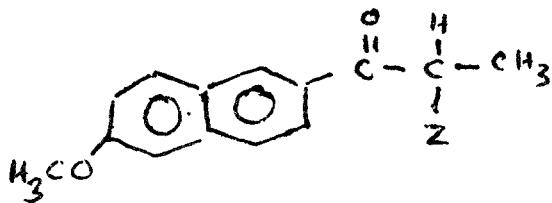


wherein Z is hydroxy group or protected hydroxy groups, and Y is a halogen atom, or a group of formula shown in Fig. 1 whereia R' and R'' are alkyl or aryl or when taken together with N form a heterocyclic moiety which optionally can contain oxygen or sulfur, or acyloxy, to form a compound of formula shown in Fig. 4 wherein Z is as defined above,

(b) ketalizing in a manner such as herein described a compound of the formula shown in Fig 4 by reacting a compound of the formula shown in Fig 4 with a ketalizing agent such as an ortho ester or a polyhydric alcohol;

(c) converting in a manner such as herein described the ketal of a compound of the formula shown in Fig 4 wherein Z is hydroxy or protected hydroxy groups obtained in (b) to the corresponding ketal wherein Z is the anionic residue of a sulfonic acid;

(d) rearranging in a known manner such as herein described the ketal of a compound of the formula shown in Fig 4



wherein Z is an anionic residue of a sulfonic acid obtained in the preceding step to form an ester, ortho ester or amide of the formula shown in Fig 10, and

(e) hydrolyzing said ester, ortho ester or amide to the compound of the formula shown in Fig 10, and optionally

(f) converting in a known manner the compound of the formula shown in Fig 10 to its pharmaceutically acceptable salts.

Compl. Specn. 73 pages.

Drgs. 2 sheets.

CLASS : 206-E.

156355

Int. Cl. H03k 5/00.

#### APPARATUS FOR CONTROLLING THE SHEARS OF A GLASSWARE FORMING MACHINE.

*Applicant* : EMHART INDUSTRIES, INC., OF FARMINGTON, CONNECTICUT, UNITED STATES OF AMERICA.

*Inventors* : 1. EDWARD BOYD GARDNER, 2. FREDRICK WILLIAM WINZER.

Application No. 244/Cal/83 filed February 28, 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

20 Claims

A control system for controlling cyclical motion of a member, said member being urged in a first direction by energizing said energizing means at one point in each cycle and urged in a second direction at another point in each cycle by de-energizing said energizing means, said control system comprising :

means for producing a start signal output at a predetermined first time in each cycle;

means responsive to said start signal for energizing said energizing means;

means for sensing the position of said member and for producing a first signal output when said member is at a first predetermined position in each cycle;

means responsive to said first signal output and operatively connected to said energizing means for producing a delayed second signal output at a predetermined second time for de-energizing said energizing means.

Compl. Specn. 43 pages.

Drgs. 11 sheets.

#### OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Cemindia Company Limited to the grant of a patent on application No. 154663 made by Amitava Ghosh Dastidar.

(2)

An opposition has been entered by Cemindia Company Limited to the grant of a patent on application No. 154685 made by Amitava Ghosh Dastidar.

(3)

An opposition has been entered by the Gillette Company to the grant of a patent on application No. 154843 made by Harbans Lal Malhotra and Sons Limited.

#### CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by KRW Energy Systems Inc under section 20(1) of the Patents Act 1970 to proceed the application for Patent No. 153351 in their name has been allowed.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-Incharge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

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#### PATENTS SEALED

144679 149919 151260 151415 151456 152829 152893 152962  
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153510 153511

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Gutehoffnungshutte Sterkrade Aktiengesellschaft, of Bahnhofstr 66, 42 Oberhausen 11, Germany, a German Company have made an application under section 57 of the Patents Act, 1970 for amendment of application, specification, and drawings of their Patent application No. 153520 for "cutting a solid body by liquid jet". The amendment are by way of changing name from "Gutehoffnungshutte Sterkrade Akitengesellschaft" to "Gutehoffnungshutte Sterkrade Gesellschaft Mit Beschränkter Haftung". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on Form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said.

#### RENEWAL FEES PAID

126934 127083 127192 127598 135377 135766 135767 135768  
135769 135974 136306 136668 136864 137012 137246 137510  
137932 138079 138114 138353 138492 138816 138893 138894  
139158 139374 139458 139643 139790 139985 140019 141742  
142139 142141 142282 142291 143140 143338 143365 143432  
143943 143945 144223 144491 144553 144577 144653 144891  
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146713 146714 146860 146880 147270 147592 147715 148287  
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150510 150511 150557 150640 150781 150905 151252 151368  
151398 151533 151534 151785 151826 151847 152081 152576  
152606 152794 152724 152910 152947

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 1544692. Vinodrai Vandravandas Barchha, an Indian of Flat No. 9B, (9th floor) "Neel Kamal", 41, Elgin Road, Calcutta-700 020, West Bengal, India. "Handle". 14th August, 1984.

Class 1. No. 153939. C. M. Correa, Indian National, having his office at 9, Mathew Road, Bombay-400 004, Maharashtra, India. "Vertical Table Lamp". 3rd January, 1984.

Class 1. No. 155323. Pandora Electric Cycles Limited, a British Company of 45 Formans Road, Sparkhill, Birmingham, West Midlands, B 11 3AB, England. a 'Cycle'. Reciprocity date is 25th July, 1984. (U.K.).

Class 1. No. 155405. Unique Steel, a registered Indian Partnership Firm of 10 Raghunayakulu Street, Madras 600 003, "a Freeze Bottle". 18th February, 1985

Class 3. No. 155154. The English Electric Company Limited, a British Company of 1 Stamphope Gate, London W1A 1EH, England. a "Fuselink Carrier". Reciprocity date is 16th July, 1984. (U.K.).

Class 3. No. 154693. Vinodrai Vandravandas Barchha, an Indian of Flat No. 9B, (9th floor) "Neel Kamal", 41, Elgin Road, Calcutta-700 020, West Bengal, India. "Handle". 14th August, 1984.

Class 3. No. 155654. Aryan Traders, 153-B, Bhalchandra Road, Dongre Building, Opp. Ruia College, Matunga, Bombay-400 019. Maharashtra State. "Vacuum Creating Appliance". 13th May, 1985.

Class 3. No. 155659. Ramawatar Saraoji, Indian National, of Maker Chamber V, 1412 Nariman Point, Bombay-400 021, Maharashtra State, India. "Water Filter". 13th May, 1985.

Class 3. No. 155687. Chinu Patel, an Indian National, of Nicol Traders, 872, East Park Road, Karol Bagh, New Delhi-5. "Reversible Louvers For Fluorescent Tube Fittings". 17th May, 1985.

Class 3. No. 155164. Universal Luggage Manufacturing Company Private Limited, an existing Company under the Companies Act, At Bldg. B, Shah Industrial Estate, Saki-Vihar Road, Bombay-400 072, State of Maharashtra, India. "Suitcase". 12th December, 1984.

Class 3. No. 155165. Universal Luggage Manufacturing Company Private Limited, an existing Company under the Companies Act, At Bldg. B, Shah Industrial Estate, Saki-Vihar Road, Bombay-400 072, State of Maharashtra, India. "Suitcase". 12th December, 1984.

Class 3. No. 155318. Nilon's Foods Priyate Limited, a limited liability company, incorporated under the Companies Act, 1956, Manufacturers and Traders, trading as Nilon's Foods Private Limited, with the Regd. Office at Utran (Dist. Jalgaon), Maharashtra, India. "Cap". 23rd January, 1985.

Class 3. No. 155319. Polycave, a registered Indian Partnership Firm, registered under Indian Partnership Act, 1932, having Office at 108, Paras Industrial Estate, Opp. Vasai Railway Station, Vasai (East)-401 202, District Thane, Maharashtra, India. "a Sprayer". 23rd January, 1985.

Class 3. No. 155402. Milton Plastics, a registered Indian Partnership Firm, registered under Indian Partnership Act, 1932, having Office at 202 021, Maharashtra, India. "a Tray". 16th February, 1985.

Class 3. No. 155403. Milton Plastics, a registered Indian Partnership Firm, registered under Indian Partner-

ship Act, 1932, having Office at 202/203, Raheja Centre, 214, Nariman Point, Bombay-400 021, Maharashtra, India. "a Tilting Waste Paper Basket". 16th February, 1985.

Class 3. No. 155404. Milton Plastics, a registered Indian Partnership Firm, registered under Indian Partnership Act, 1932, having Office at 202/203, Raheja Centre, 214, Nariman Point, Bombay-400 021, Maharashtra, India. a "Vacuum Flask". 16th February, 1985

*Extn. of Copyright for the Second period of five years.*

Nos. 149386, 149387, 149388, 149217,..... Class-1.

No. 148821. .... Class-3.

Nos. 149438, 149439. .... Class-4.

*Extn. of Copyright for the Third period of five years.*

Nos. 149438, 149439. .... Class-4.

R. A. ACHARYA,  
Controller General of Patents, Designs

and Trade Marks

